Docket No.: 42P14493

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

VALERY DUBIN, ET AL.

Application No.:

Filed:

For: Method And Apparatus For An Improved

Air Gap Interconnect Structure

Art Group:

Examiner:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted concurrently with the Utility Application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Copies of the references cited on PTO/SB/08 are enclosed herewith.

-1- 42P14493

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: <u>June 26, 2003</u>

Arlen M. Hartounian, Reg. No. 52,997

12400 Wilshire Blvd., 7th Floor Los Angeles, California 90025 (408) 720-8300

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA

22313-1450.

06-26-03

Carla Vignola

Date

Complete if Known Substitute for form 1449A/PTO Application Number INFORMATION DISCLOSURE Filing Date STATEMENT BY APPLICANT First Named Inventor Valery Dubin Art Unit (use as many sheets as necessary) **Examiner Name** Sheet 2 1 of Attorney Docket Number

42P14493

U.S. PATENT DOCUMENTS							
	Cite No.¹	Document Number	Publication Date	on Date	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number - Kind Code ² (if known)	or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
		US-5,695,810	12-09-1997	Dubin, et al.			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-		7.40			
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.¹	Foreign Patent Document			Pages, Columns, Lines,				
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear				
	ļ								
						\vdash			
				-		_			

Examiner	Date	
Signature	Considered	ļ

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

^{&#}x27;Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO				Complete if Known		
INIEOD	MATION		CURE	Application Number		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			SURE	Filing Date		
			CANT	First Named Inventor	Valery Dubin	
			· · · · ·	Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket Number	42P14493	

	OTHER ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
		GOSSET, et al., "General review of issues and perspectives for advanced copper interconnections using air gap as ultra-low K material", 3 pages, June 2003, Phillips Semiconductors Crolles R&D,				
		860 rue Jean Monnet 38920 Crolles France.				
		NOGUCHI, et al. "Simple Self-Aligned Air-Gap Interconnect Process with Cu/FSG Structure", 3 pages, June 2003, Device Development Center, Hitachi, Ltd., Ome, Tokyo, 198-8512, Japan.				
"						
-	-					

Examiner	Date	
Signature	Considered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.